

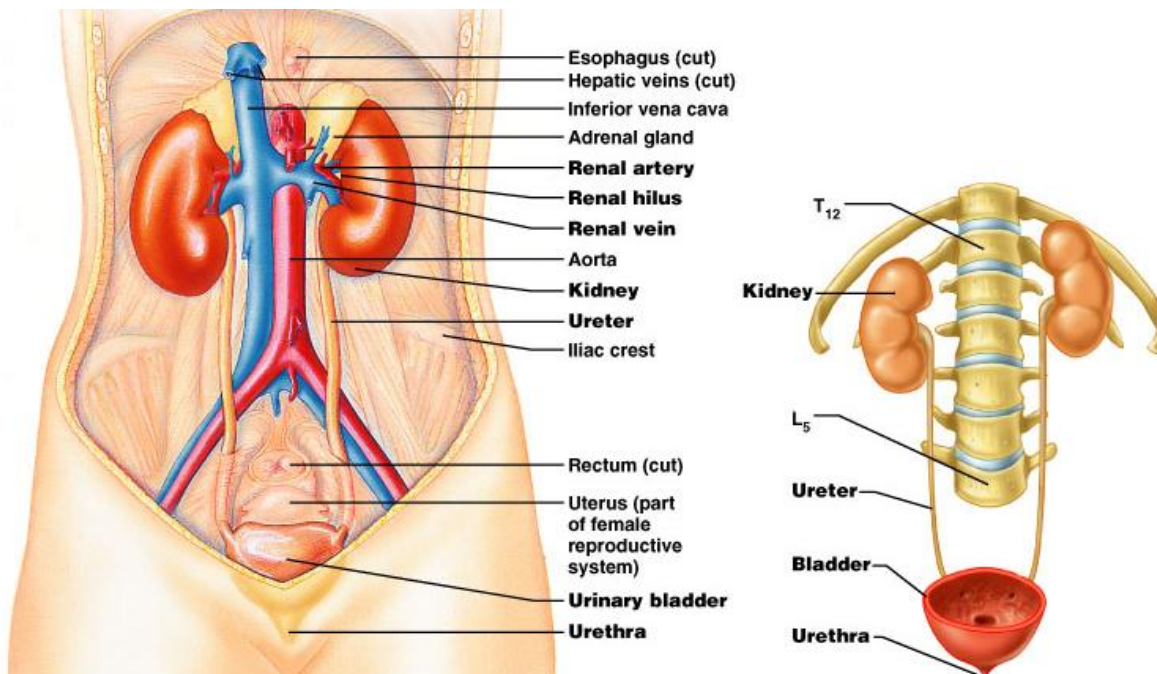
Urinary System Intro Notes

***Homeostasis:

Function: filter blood to maintain purity

Filtering out _____ in urine and retain needed substances to blood.

Excretion: eliminating wastes, toxins, and drugs from the body.



Sequence of the Urinary System:

Kidneys -----> Ureters -----> Bladder -----> Urethra

Kidneys:

Function: to filter the blood, keeping certain substances and removing wastes and excess

Ureters:

Function: carry urine from the _____ to _____

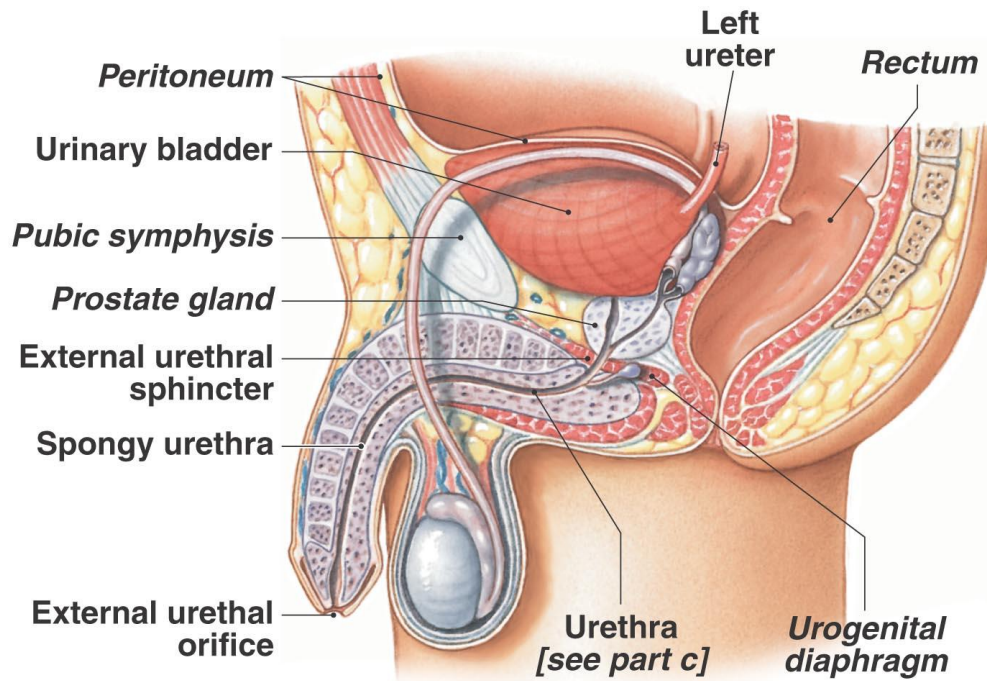
***Note: ureters are about 10" in length

Bladder:

Function: _____ and _____ urine

Differences in genders:

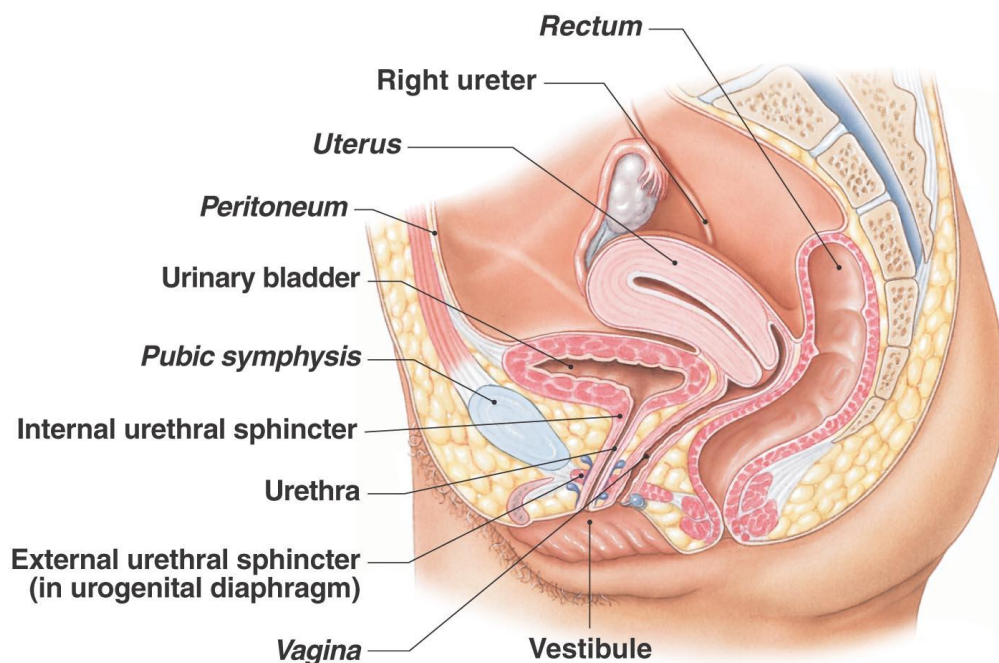
Men: bladder is located anterior to the rectum



(a) Male pelvis, sagittal section

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Women: bladder is located anterior to the vagina and uterus



(b) Female pelvis, sagittal section

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Urethra:

Function: carries urine from _____ to _____

Differences in genders:

Men: urethra about 8" in length

Women: urethra about 1.5" in length

***shorter urethra in women is why women are more likely to get a urinary tract infection (UTI)

Parasympathetic vs. Sympathetic:

Parasympathetic:

Sympathetic: